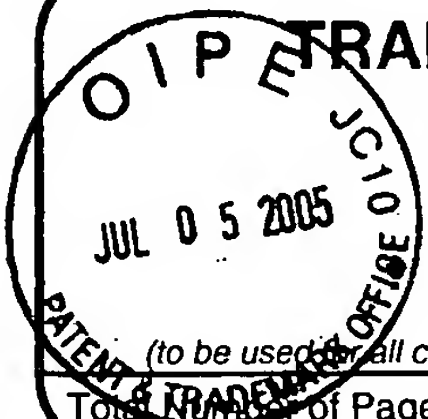
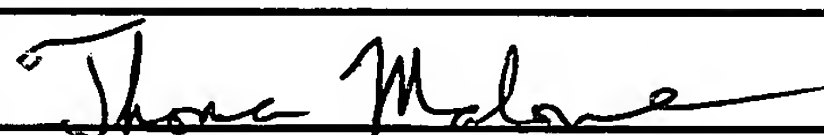
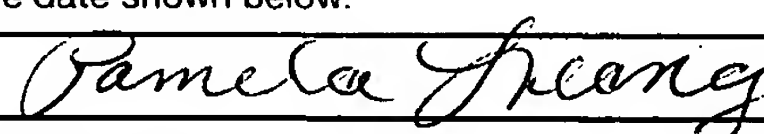


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 <p>(to be used for all correspondence after initial filing)</p>	Application Number	10/643,630	
	Filing Date	August 18, 2003	
	First Named Inventor	Goldberg et al	
	Art Unit	1637	
	Examiner Name	Young J. Kim	
Total Number of Pages in This Submission	230	Attorney Docket Number	3077.2

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Copies of 3 References (230 pages); - Modified Form 1449 (1 page); and - Return postcard.
<div style="border: 1px solid black; padding: 2px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc		
Signature			
Printed Name	Thomas Malone		
Date	6/29/05	Reg. No.	40,078

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Pamela Leong	Date	6/30/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Goldberg et al.

Serial No: 10/643,630

Filing Date: August 18, 2003

Title: **METHOD OF
MANUFACTURING**

Examiner: Young J. Kim

Group Art Unit: 1637

INFORMATION DISCLOSURE
STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying U.S. Patent & Trademark Office's Modified Form-1449 are called to the attention of the Examiner for consideration in connection with the above-identified patent application. In accordance with 37 C.F.R. § 1.98(d), copies of A7-A12 and B3-B5 references can be found in Application No. 09/245,329, filed February 05, 1999. Copies of the remaining non U.S. patent references are enclosed herewith.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Citation of these documents shall not be construed as (1) an admission that the documents are necessarily prior art with respect to the instant invention; (2) a representation that a search has been made; or (3) an admission that the information cited herein is, or is considered to be, material to patentability in any way, including that as defined in § 1.56(b).

Applicants believe that no fee is required for submission of this statement.

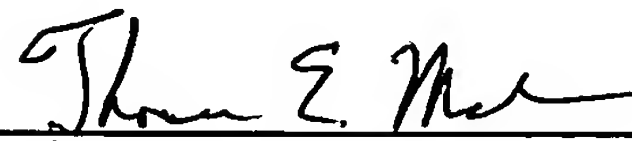
However, if an Office Action on the merits has been mailed, the Commissioner is hereby

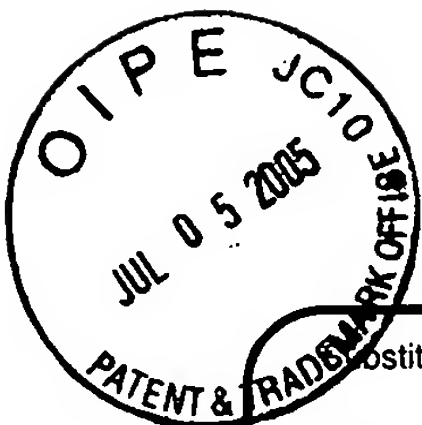
authorized to charge the required fees to Account No. 01-0431 in order to have this Information Disclosure Statement considered.

Dated: 6/29/05

Respectfully submitted,

Customer No. 22886
Legal Department
Affymetrix, Inc.
3380 Central Expressway
Santa Clara, CA 95051
Tel: (408) 731-5000/Fax (408) 731-5392


Thomas E. Malone
Reg. No. 40,078



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/643,630
Filing Date	08/18/2003
First Named Inventor	Goldberg et al.
Art Unit	1637
Examiner Name	Young J. Kim
Attorney Docket Number	3077.2

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1	US- 4,379,259	04/05/1983	Varadi et al.	
	A2	US- 5,589,765	12/31/1996	Ohmart et al.	
	A3	US- 5,798,556	08/25/1998	Hughes et al.	
	A4	US- 5,843,655	12/01/1998	McGall	
	A5	US- 5,856,101	01/05/1999	Hubbell et al.	
	A6	US- 5,966,459	10/12/1999	Chen et al.	
	A7	US- 5,384,261	01/24/1995	Winkler et al.	
	A8	US- 5,143,854	09/01/1992	Pirrung et al.	
	A9	US- 4,016,855	04/12/1977	Mimata	
	A10	US- 5,571,639	11/05/1996	Hubbell	
	A11	US- 08/143,312	10/26/1993	Chee	
	A12	US- 5,384,261	01/24/1995	Winkler et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	B1	EP 0 695 941	05/19/1995	Besemer et al.		
	B2	GB 2 319 838	10/21/1997	Schembri		
	B3	WO 92/10092	06/25/1992	Fodor et al.		
	B4	WO 96/11147	04/18/1996	Gianfranco		
	B5	WO 90/15070	12/13/1990	Pirrung et al.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	COLOM ET AL., IBM Technical Disclosure Bulletin, Sep. 1975, 18(4): 1059-1060.	
	C2	FELDMANN, K. ET AL., "Closed Loop Quality Control in Printed Circuit assembly" IEEE Transactions on Components, Hybrids, and Manufacturing Technology-Part A., Jun. 1994, 17 (2): 270-276.	
	C3	International Search Report (EPO Searching Authority) dated 07/01/1999 re PCT/US99/02518.	
	C4	O'DONNELL-MALONEY, M. J. ET AL., "The development of microfabricated arrays for DNA sequencing and analysis," Tibtech, Oct. 1996, 14: 401-407.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.